



USA Patent Application

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DOOR LOCK HAVING A CLOSING AID

Examiner: Thomas Y Ho

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION

Please replace the paragraph beginning on page 2, line 15 with the following paragraph:

In a preferred development of the invention, provision is made for the rotary latch to be moveable into its closed position counter to the force of a restoring spring 58 by the flexible drive element in the form of a tension element.

Please replace the paragraph beginning on page 2, line 21 with the following paragraph:

Since the rotary latch is restored with the aid of the restoring spring 56 as is customary in door locks, it is sufficient if the closing aid is effective only in one direction of movement, in which case the drive element can be wound. A solution for this

type of closing aid manages with very few parts and offers high degree of functional reliability.

Please replace the paragraph beginning on page 3, line 22 with the following paragraph:

In a particular preferred embodiment of the invention, the moveability of the deflection roller into the auxiliary opening position is effected by the deflection roller being arranged on a toggle lever which can be folded in by actuation of the auxiliary opening device 60. The advantage of a toggle lever structure resides in said toggle lever in the stretched state being virtually infinitely stiff, on the one hand, and thereby enabling the transmission even of high closing forces, and secondly, being moveable beyond a dead center position, by a comparatively small actuating force being exerted at the buckling point, after which the toggle lever immediately folds in, when a load is applied to the deflection roller, and ensures the necessary release of the drive element. A restoring spring 56 ensures that after an auxiliary triggering the toggle lever automatically returns back into its stretched position.

Please replace the paragraph beginning on page 5, line 8 with the following paragraph:

The rotary latch 14 has a receiving opening 16, which interacts with a closing lug or a closing clip, and a main catch 18 and a preliminary catch 20 which, in interaction with detent pawl (not illustrated), ensure that the rotary latch 14 is retained in its